

# MVE HEco Series

With Chart MVE,  
the best keeps getting better.



The **Next Generation**  
High Efficiency Freezer from Chart MVE

# MVE HEco Series

## Improved efficiency, safety, usability, servicability and design.

Chart MVE never stops working to improve products that will better fulfill customer needs and requests. The newest member of the MVE family is the reimagined and redesigned MVE HEco Series. The new MVE HEco Series freezers provide a 20% reduction in LN2 usage, making them the most efficient vapor freezers available. These next generation high efficiency freezers incorporate hinged work surfaces that fully enclose all electronics and plumbing to enhance overall safety and usability. The technical and visual improvements provide a more aesthetically pleasing freezer while offering greater functionality. As with all of MVE's cryogenic freezers, the MVE HEco Series freezers provide the industry's longest hold time and highest sample security as well as maximum storage density.

Chart MVE now offers the HEco Series in three sizes of freezers, each with several options: the HEco 800, 1500, and 1800 Series.

## Features include:

- 20% reduction in LN2 usage
- Fully enclosed wiring and plumbing
- Dry sample storage
- -190°C top box temperature
- Lowest liftover height
- Two tier folding step
- Vacuum jacketed transfer hose





No exposed wiring or cold surfaces

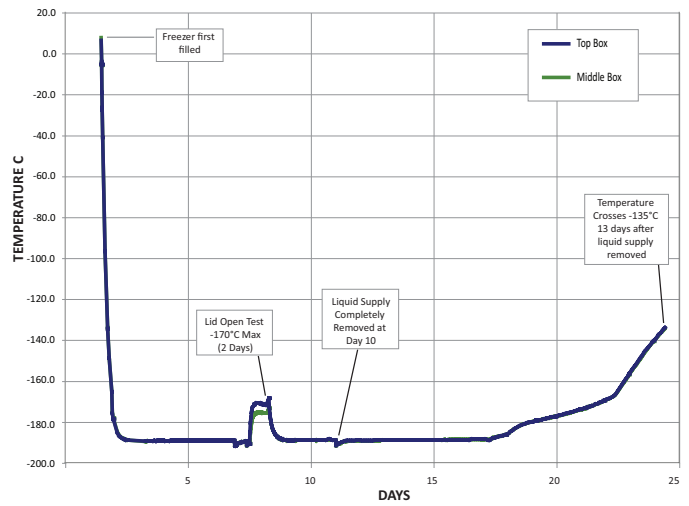
Hinged work surfaces for improved safety and usability

Completely enclosed plumbing assembly which is still easily accessed when needed

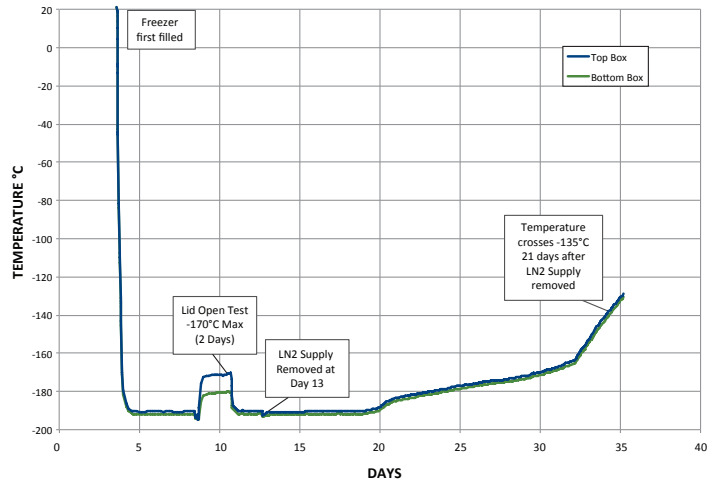
Fully integrated control system, power system, and optional battery backup



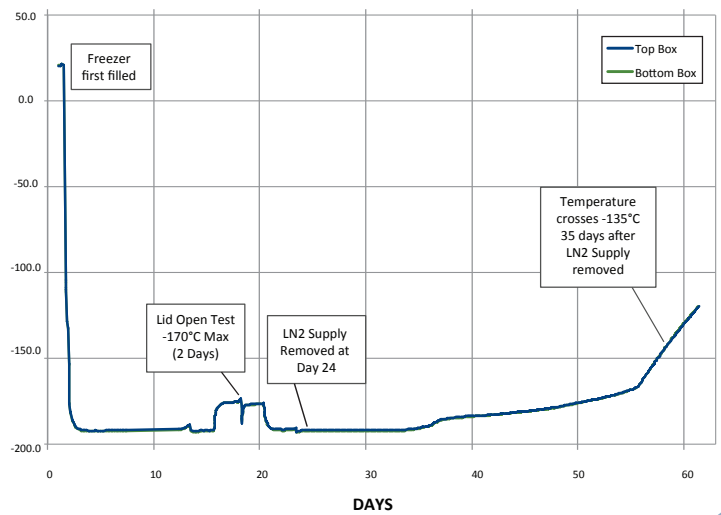
### MVE HEco 800 Temperature Test\*



### MVE HEco 1536P Temperature Test\*



### MVE HEco 1800 Temperature Test\*



## Temperature Test Graph

\* Temperature test indicates typical performance of HEco Series -190°C freezer with full inventory system and factory recommended level settings. Actual performance may vary with atmospheric conditions and usage.

Go to [www.chartbiomed.com](http://www.chartbiomed.com) for more information.

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